

# Comparisons of Job Characteristics

**Focus Occupation:** [Licensed Practical and Licensed Vocational Nurses \(29-2061\)](#)

**Associated Occupation:** [Surgical Technologists \(29-2055\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation:** Licensed Practical and Licensed Vocational Nurses (29-2061)

**Associated Occupation:** Surgical Technologists (29-2055)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Medicine and Dentistry	3.7	15.2	16.4	0 Current knowledge level may be sufficient
Customer and Personal Service	11.3	13.2	17.4	>> Current knowledge level is likely more than sufficient
Biology	3.7	9.2	8.7	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 71

**Focus Occupation:** Licensed Practical and Licensed Vocational Nurses (29-2061)

**Associated Occupation:** Surgical Technologists (29-2055)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	11.6	11.6	0 Current skill level may be sufficient
Operation Monitoring	6.6	10.6	7.4	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	6.9	1.0	<< Extensive development of skills in this area may be required
Management of Material Resources	3.7	6.5	2.9	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	5.6	1.3	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)

Associated Occupation: Surgical Technologists (29-2055)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.4	10.0	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	7.9	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	11.4	9.1	<	Some improvement in abilities may be required
Far Vision	7.8	11.2	7.3	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	11.0	7.3	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	10.5	7.7	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	9.0	6.9	<	Some improvement in abilities may be required
Auditory Attention	5.9	8.8	7.7	<	Some improvement in abilities may be required
Time Sharing	6.6	8.6	8.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)

Associated Occupation: Surgical Technologists (29-2055)

Work Activities	Exclusivity of Activity
Apply appropriate physical restraint	71
Communicate technical information	4
Follow infectious materials procedures	52
Follow patient observation procedures	71
Identify body response variations	57
Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Observe patient condition	48
Prepare patients for tests, therapy, or treatments	70
Take vital signs	56
Understand technical operating, service or repair manuals	6
Use clinical sterilizing technique	71
Use emergency medical procedures	64
Use hazardous materials information	35

Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 63

**Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)**  
**Associated Occupation: Surgical Technologists (29-2055)**

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Computers	1
Content authoring and editing software	1
Emergency medical services resuscitation products	15
Heat and cold therapy products	29
Industry specific software	1
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial infusion bags and containers and related products	62
Medical incision drains and drainage bags and reservoirs and related products	70
Medical ultrasound and doppler and echo imaging products	19
Open heart perfusion equipment and monitors and accessories and related products	43
Oxygen therapy delivery systems and devices	13
Patient transport products	18
Specimen collection and transport containers and supplies	14
Suture and related products	23
Syringes and accessories	14
Vascular and compression therapy equipment and supplies	33

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.